

Abstract

The present invention relates to a fuel injector, in particular a fuel injector protruding directly into a combustion chamber of an internal combustion engine, having an energizable actuator (10, 11, 12), a valve-closure member (7) able to be moved by the actuator (10, 11, 12), a secure valve seat (22), with which the valve-closure member (7) cooperates to open and close the valve, a fuel outlet formed in a downstream spray-discharge region and by at least one outlet opening (23) situated downstream from valve seat (22), and a dead volume (25) formed downstream from valve seat (22) and upstream from the spray-discharge region having at least one outlet opening (23). A device for accumulating combustion chamber gas is provided in the valve-closure member (7) in the form of a blind hole (33) having direct access to the dead volume (25).

(Figure 1)